

**In the Claims**

1. (currently amended) A system for remotely managing fuel ~~oil~~ storage in a cus-  
tomer storage location comprising:

a computer accessible by a plurality of ~~users~~ fuel dealers;

a measurer for measuring the storage level of a fuel ~~oil~~ at a customer storage lo-  
cation;

a data processor associated with the measurer permitting recording of the cus-  
tomer fuel storage level ~~of a fuel oil~~;

a communicator associated with the measurer permitting communication with the  
computer;

an access interface associated with the computer;

at least one communications network permitting communication by a ~~user~~ dealer  
to the computer and permitting communication with the computer by the communicator  
associated with the measurer;

a database accessible by the computer containing a plurality of data associated  
with the customer fuel storage level ~~of a fuel oil~~;

a plurality of functional software modules executing on the computer for enabling  
~~a plurality of users~~ the dealer to selectively manipulate the plurality of data associated  
with the customer storage location; comprising

an administrative software module for enrolling customer storage locations  
and administering the system,

a management software module for querying the database,

a scheduling software module for ~~scheduling~~ optimizing fuel deliveries to  
customers ~~the system~~,

an authorization software module for securing the system, and

a delivery analysis software module for analyzing the replenishment of fuel  
to the customer storage location.

2. (original) The system of claim 1 wherein the plurality of functional software modules executing on the computer for enabling a plurality of users to selectively manipulate the plurality of data associated with the storage location further comprises a software module for reporting the results of querying the database by a plurality of communications networks.
3. (original) The system of claim 1 wherein the plurality of functional software modules executing on the computer for enabling a plurality of users to selectively manipulate the plurality of data associated with the storage location further comprises a software module for route optimization.
4. (original) The system of claim 1 wherein at least one communications network permitting communication by a user to the computer and permitting communication with the computer by the communicator associated with the measurer is a wireless communications.
5. (original) The system of claim 1 wherein the plurality of functional software modules executing on the computer for enabling a plurality of users to selectively manipulate the plurality of data associated with the storage location further comprises a software module for accounting.
6. (original) The system of claim 1 wherein the plurality of functional software modules executing on the computer for enabling a plurality of users to selectively manipulate the plurality of data associated with the storage location further comprises a software module for accessing a geographical information system.
7. (original) The system of claim 1 wherein data processor further comprises a transponder for detecting a plurality of signals from a deliverer.

8. (original) The system of claim 1 further comprising a monitor for providing a monitoring service.

9. (original) The system of claim 1 where the measurer is self contained.

10. (original) The system of claim 1 where the communicator is self contained.

11. – 20. (cancelled)

21. (new) A fuel monitoring system for allowing a dealer to monitor a fuel level of a customer location comprising:

- a fuel level monitoring device for generating fuel level data;

- a communication link;

- a central server coupled to said fuel level monitoring device via said communication link;

- a storage device for storing the fuel level data;

- a dealer computer coupled to said central server for accessing the fuel level data;

- said central server formatting the fuel level data to a dealer data format; and

- said fuel level data presented to the dealer for display in real-time such that the dealer may optimize schedule delivery of fuel to the customer.

22. (new) The fuel monitoring system of claim 21 wherein said communication link is a wireless communication link.

23. (new) The fuel monitoring system of claim 21 further comprising and delivery analysis software for analyzing replenishment of fuel at the customer location and scheduling software for providing the dealer with fuel delivery route optimization data based on said real-time fuel level data.

24. (new) The fuel monitoring system of claim 23 wherein said route optimization data includes geographical information for customer route optimization.

25. (new) The fuel monitoring system of claim 21 further comprising administrative software enrolling customer locations and administering the system.

26. (new) The fuel monitoring system of claim 21 further comprising authorization software for securing the system from unauthorized access.

27. (new) The fuel monitoring system of claim 21 further comprising accounting software.

28. (new) The fuel monitoring system of claim 21 wherein the customer is provided with access to the said fuel level data.